American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Ordered By

CH2M Hill
1770 Iowa Ave Suite 200
Riverside, CA 92507-

Telephone: (951)276-3003
Attention: Tom Perina

Number of Pages 2
Date Received 10/30/2014
Date Reported 11/03/2014

Job Number	Order Date	Client
74904	10/30/2014	CH2M,R

Project ID: 10006-7-100263
Project Name: Omega Chemical
Site: 9110 Santa Fe Springs Rd
Whittier, CA 90602

Enclosed please find results of analyses of 1 ground water sample which was analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____ Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

CHAIN OF CUSTODY RECORD

№ 89447

AETL JOB No. 74904

Page 1 of 1

COMPANY: CH2M Hill	PROJECT MANAGER: Tom Perina
COMPANY ADDRESS: 1770 Iowa Ave, Suite 200 Riverside, CA	PHONE / FAX: 951-284-8724
PROJECT NAME: Omega Chemical	PROJECT #:
SITE NAME AND ADDRESS: Whittier	PO #:

	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	Hexavalent Chromium	TEST INSTRUCTIONS & COMMENTS
1	Scantlebury	74904-01	10/30/14	1015	GW	1 x 250mL	None	X	
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS	1	PROPERLY COOLED Y / N / NA	
CUSTODY SEALS Y / N / NA		SAMPLES INTACT Y / N / NA	
RECEIVED IN GOOD COND. Y / N		SAMPLES ACCEPTED Y / N	

TURN AROUND TIME

☐ NORMAL ☐ RUSH ☐ SAME DAY ☐ NEXT DAY ☐ 2 DAYS ☐ 3 DAYS

DATA DELIVERABLE REQUIRED

☐ HARD COPY ☐ PDF ☐ GEOTRACKER (GLOBAL ID) _____ ☐ OTHER (PLEASE SPECIFY) _____

	RELINQUISHED BY SAMPLER: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature:			
Printed Name:	Mike Palm		
Date: / Time:	10.30.14 / 1055	/	10/30/14 / 1250
	RECEIVED BY: 1.	**RECEIVED BY: 2.**	**RECEIVED BY LABORATORY: AETL 3.**
Signature:			
Printed Name:	Ralph		Jean Lauda
Date: / Time:	10/30/14 / 1055	/	10/30/14 / 1250

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Ordered By

CH2M Hill
1770 Iowa Ave Suite 200
Riverside, CA 92507-

Telephone: (951)276-3003
Attention: Tom Perina

Project ID: 10006-7-100263
Date Received 10/30/2014
Date Reported 11/03/2014

Job Number	Order Date	Client
74904	10/30/2014	CH2M,R

CERTIFICATE OF ANALYSIS
CASE NARRATIVE

AETL received 1 samples with the following specification on 10/30/2014.

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers
74904.01	Scantlebury	10/30/2014	Aqueous	1

Method ^ Submethod	Req Date	Priority	TAT	Units
218.6	11/06/2014	2	Normal	ug/L

The samples were analyzed as specified on the enclosed chain of custody. No analytical non-conformances were encountered.

All samples were preserved with ammonium sulfate buffer upon arrival to extend the holding time.

The samples were analyzed within the holding time in accordance with the EPA Methods given in the attached work order form. I certify that this data package is in compliance with the terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the condition detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Checked By: _____ Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

CH2M Hill
1770 Iowa Ave
Suite 200
Riverside, CA 92507-

Site

9110 Santa Fe Springs Rd
Whittier, CA 90602

Telephone: (951)276-3003
Attn: Tom Perina
Page: **2**

Project ID: 10006-7-100263
Project Name: Omega Chemical

AETL Job Number	Submitted	Client
74904	10/30/2014	CH2M,R

Method: 218.6, Chromium hexavalent by Ion Chromatography

QC Batch No: 103014-1

Our Lab I.D.			Method Blank	**74904.01**			
Client Sample I.D.				Scantlebury			
Date Sampled				10/30/2014			
Date Prepared			10/30/2014	10/30/2014			
Preparation Method			218.6	218.6			
Date Analyzed			10/30/2014	10/30/2014			
Matrix			Aqueous	Aqueous			
Units			ug/L	ug/L			
Dilution Factor			1	1			
Analytes	**MDL**	**PQL**	**Results**	**Results**			
Chromium (VI)	0.02	0.05	ND	3.04			

QUALITY CONTROL REPORT

QC Batch No: 103014-1; Dup or Spiked Sample: 74904.01; LCS: Clean Water; QC Prepared: 10/30/2014; QC Analyzed: 10/30/2014; Units: ug/L

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Chromium (VI)	3.04	1.00	3.83	79.0	1.00	3.86	82.0	3.7	70-140	<20

QC Batch No: 103014-1; Dup or Spiked Sample: 74904.01; LCS: Clean Water; QC Prepared: 10/30/2014; QC Analyzed: 10/30/2014; Units: ug/L

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Chromium (VI)	1.00	1.01	101	1.00	1.06	106	4.8	70-140	<20	

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Data Qualifiers and Descriptors

Data Qualifier:

#:	Recovery is not within acceptable control limits.
*:	In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
B:	Analyte was present in the Method Blank.
D:	Result is from a diluted analysis.
E:	Result is beyond calibration limits and is estimated.
H:	Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
J:	Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
M:	Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
MCL:	Maximum Contaminant Level
NS:	No Standard Available
S6:	Surrogate recovery is outside control limits due to matrix interference.
S8:	The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
X:	Results represent LCS and LCSD data.

Definition:

%Limi:	Percent acceptable limits.
%REC:	Percent recovery.
Con.L:	Acceptable Control Limits
Conce:	Added concentration to the sample.
LCS:	Laboratory Control Sample
MDL:	Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference